

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	143	defroster adj heater	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 11:23
S2	314653	refrigerat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 17:07
S3	61	S1 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 15:19
S4	26243	(duty adj ratio) or duty adj ratio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 10:51
S5	1316	defroster near4 heat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 10:51
S6	280	S5 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 10:51
S7	2	S6 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 11:19
S8	696	62/151.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 11:47
S9	1564	defroster and evaporator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 11:23

## EAST Search History

S10	21	S8 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 11:23
S11	5	("3465534").URPN.	USPAT	OR	ON	2007/01/11 11:39
S12	156	62/154.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 16:11
S13	13	S9 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 11:47
S14	5289	defroster	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 11:47
S15	20	S12 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 12:08
S16	3	("2705874").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/11 12:08
S17	282871	(voltage or current) with (sensor or meter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 13:13
S18	22	S8 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 13:13
S19	7	("20030131614"   "20040244389"   "4392358"   "4432211"   "4723414"   "5295361"   "5950439").PN. OR ("6964172").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/11 13:15
S20	24	("3793716"   "4162379"   "4177376"   "4277673"   "4334148").PN. OR ("4432211").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/11 14:04

## EAST Search History

S21	1188408	voltage	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/11 14:04
S22	13	S21 and S20	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/11 14:04
S23	26	("3752956"   "3789190"   "3896287"   "3924102"   "3965396"   "RE29441").PN. OR ("4162379"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/11 14:16
S25	3	("20030019866" "5519301" "570334 2").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/11 15:21
S26	114627	(pulse-width) or pulse adj width	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/11 15:22
S27	124744	S4 or S26	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/11 15:22
S28	54	S9 and S27	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/11 15:22
S29	66851	(look-up adj table) or (look adj up adj table)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 16:03
S30	6	S29 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 16:05
S31	6172	S27 and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 16:05
S32	26	S31 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 16:05
S33	15889	step adj function	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 16:12

## EAST Search History

S34	10	S5 and S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 16:19
S35	1505555	interval	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 16:20
S36	297	S9 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 16:20
S37	109	S21 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 16:40
S38	1	("5519301").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/11 16:27
S39	3	("1178271").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/11 16:28
S40	3	("1280379").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/11 16:28
S41	68569	voltage with interval	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 16:40
S42	22	S14 and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 16:47
S43	1463	voltage adj group\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 16:48

## EAST Search History

S44	0	S14 and S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 16:48
S45	155	S43 and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 16:53
S46	22299	S29 and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 16:53
S47	44	S46 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 17:07
S48	1176	S2 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/12 09:43
S49	1	("4319652").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/12 09:43
S50	7	"4319652"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/12 09:43
S51	1	1995-016392.NRAN.	DERWENT	OR	ON	2007/01/12 10:37
S52	19	("20010013512" "20020065726" "20030024924" "20030141289" "4926025" "5225663" "5626021" "5878809" "5948297" "6124577" "6237675" "6278090" "6664518" "6686561" "6828528" "6844524" "6857697" "6892807" "6903312").PN.	US-PGPUB; USPAT	OR	ON	2007/01/12 10:52
S53	344	62/80.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/12 10:52

## EAST Search History

S54	197	62/82.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/12 13:26
S55	17	"1180652"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/12 12:07
S56	1	("5440893").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/12 12:09
S57	8	((("4542821") or ("5515692") or ("5148686") or ("5440893") or ("4689965") or ("4327557") or ("4528821"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/12 12:19
S58	88811	(detect\$3 or sens\$3) near4 (main or power) near1 (suppl\$4 or source)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/12 13:27
S59	118533	"62"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/12 13:29
S60	544	S58 and S59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/12 13:30
S62	112	S60 and defrost\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/12 13:30
S63	10	("5107685"   "5209075"   "5493868"   "5709098"   "5771704").PN. OR ("6065298").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/12 14:11
S65	480	62/276.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/12 14:11
S66	542	62/275.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/12 14:12

## EAST Search History

S67	998	S65 or S66	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/12 14:16
S68	114954	"219"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/12 14:17
S69	1881	S68 and S58	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/12 14:18
S70	5289	defroster	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/12 14:17
S71	3	S69 and S70	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/12 14:17
S72	314653	refrigerat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/12 14:18
S73	55	S69 and S72	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/12 14:19
S74	369	219/482.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/12 14:55
S75	1540	219/497.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/12 14:56